

Morbidity and Mortality

Weekly
Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

Prepared by the **COMMUNICABLE DISEASE CENTER** 634-5131

For release March 8, 1963

ATLANTA 22, GEORGIA

Vol. 12, No. 9

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED MARCH 2, 1963

INFLUENZA - One or more outbreaks of influenza-like disease have now been reported from 34 States and the District of Columbia. States reporting outbreaks for the first time this week are Wisconsin, Rhode Island, Montana, and Arizona. Influenza A₂ virus has been isolated or confirmed by serologic titer rise as the causative agent of one or more outbreaks in 17 States and the District of Columbia. The State of Wisconsin reported a confirmed outbreak due to influenza A₂ virus for the first time this week. The Mountain and West Coast States, except for Montana and Arizona, continue to report no more than the usual seasonal incidence of acute respiratory disease.

The number of pneumonia-influenza deaths reported weekly for 108 cities has remained above the epidemic threshold since the week ending January 12, and this week demonstrates a continued sharp rise.

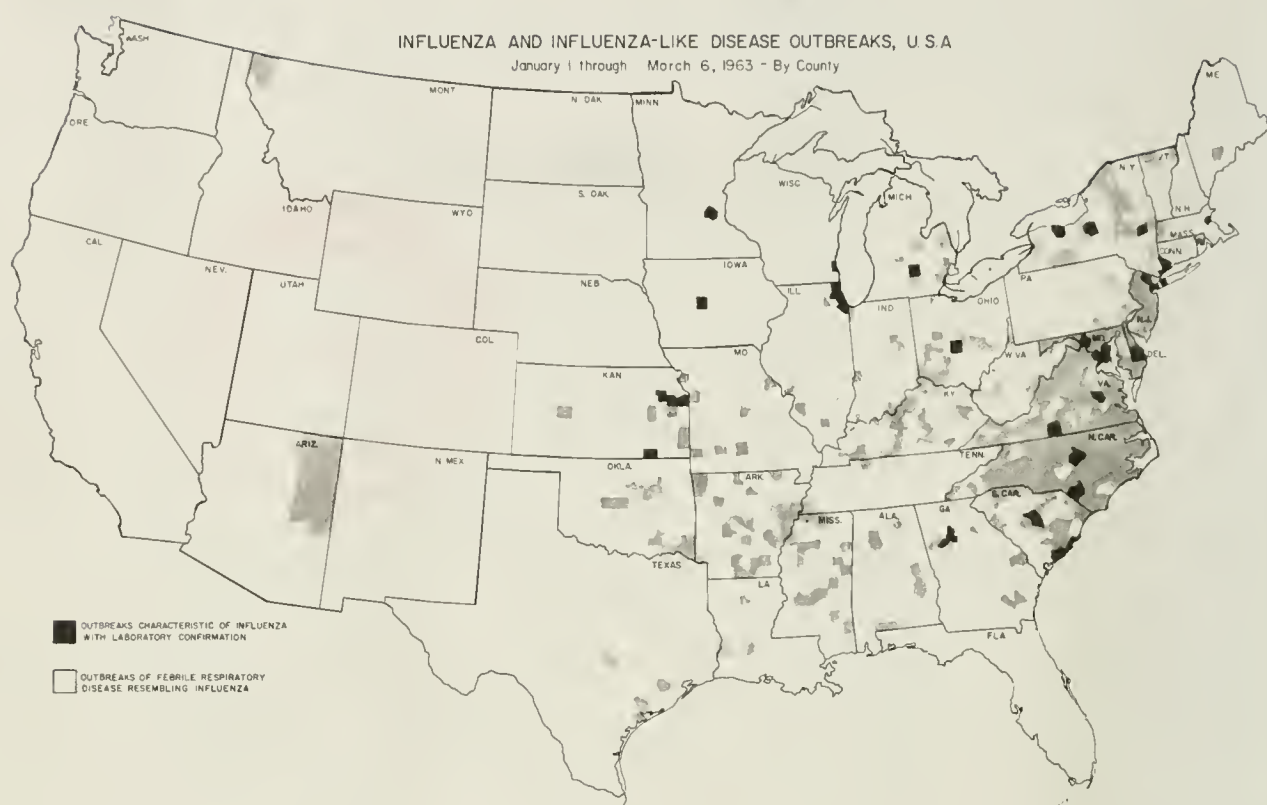
Arizona - An outbreak of influenza-like illness has been reported from the town of Springerville (Apache County) with abrupt onset of illness about February 19. The two elementary schools and one high school serving the area were forced to close on March 1 because of excessive absenteeism. The illness, which has shown community-wide spread, is characterized by abrupt onset of fever, headache, myalgia, and cough of 3-4 days dura-

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous week)

Disease	9th Week			Cumulative		
	Ended March 2, 1963	Ended March 3, 1962	Median 1958 - 1962	First 9 weeks		
				1963	1962	Median 1958 - 1962
Aseptic meningitis.....	27	23	---	210	148	---
Brucellosis.....	4	10	13	51	55	94
Diphtheria.....	12	5	15	56	106	162
Encephalitis, infectious.....	31	32	28	179	235	204
Hepatitis, infectious and serum...	1,217	1,300	716	10,116	13,099	6,416
Measles.....	14,031	15,814	15,814	86,982	95,749	95,749
Meningococcal infections.....	80	57	57	508	475	483
Poliomyelitis, total.....	1	5	14	29	64	162
Paralytic.....	1	3	11	26	38	94
Nonparalytic.....	-	1	3	2	12	50
Unspecified.....	-	1	-	1	14	18
Streptococcal sore throat and Scarlet fever.....	12,929	10,138	---	86,807	77,646	---
Tetanus.....	6	4	---	31	24	---
Tularemia.....	5	1	---	44	46	---
Typhoid fever.....	5	8	10	46	66	84
Typhus fever, tick-borne, (Rocky Mountain spotted).....	-	1	---	-	3	---
Rabies in Animals.....	71	69	85	523	589	712

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Anthrax: Pa.-1	Cum. 1	Psittacosis: N.Y.-2, Ohio-1	Cum. 16
Botulism: Calif.-2	2	Rabies in Man:	-
Malaria: N.C.-2, Calif.-1	20	Smallpox:	-
Plague:	-	Typhus, murine:	2



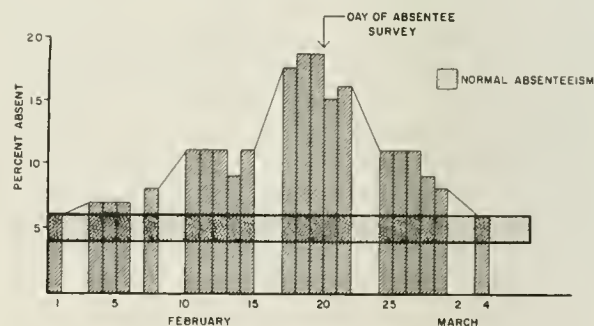
tion. Laboratory specimens are currently being obtained.
(Reported by Dr. Lloyd M. Farmer, Commissioner of Public Health, State Department of Health, Phoenix, Arizona.)

An outbreak of acute febrile respiratory disease has been reported from the Hopi and Navajo Indian Reservations in the northern part of the State. The epidemic has centered in the area about Keams Canyon and began about February 23 when an increasing number of patients with acute onsets of fever, myalgia, headache, and weakness were seen in the outpatient clinics at the Keams Canyon Indian Hospital. In the last 10 days, over 400 patients with this symptomatology have been seen in the hospital clinics. All age groups have apparently been affected. Laboratory specimen collection and epidemiologic investigation is presently under way.

(Reported by Dr. W. S. Baum, Medical Officer in Charge, PHS Division of Indian Health, Area Medical Office, Phoenix, Arizona.)

Georgia - Influenza A₂ virus isolates have been obtained thus far from cases of influenza-like illness at the University of Georgia in Athens and in the Atlanta area. Influenza first appeared in Atlanta during the first week of February (MMWR, Vol. 12, Nos. 7 & 8), and excessive absenteeism was reported from several elementary and high schools at about the same time. Percent absenteeism, by day, during the epidemic period, is given for one large suburban high school (High School B) in the figure (right).

SCHOOL ABSENTEEISM
HIGH SCHOOL "B"-DEKALB COUNTY, GEORGIA
BY DAY - FEBRUARY - MARCH '63

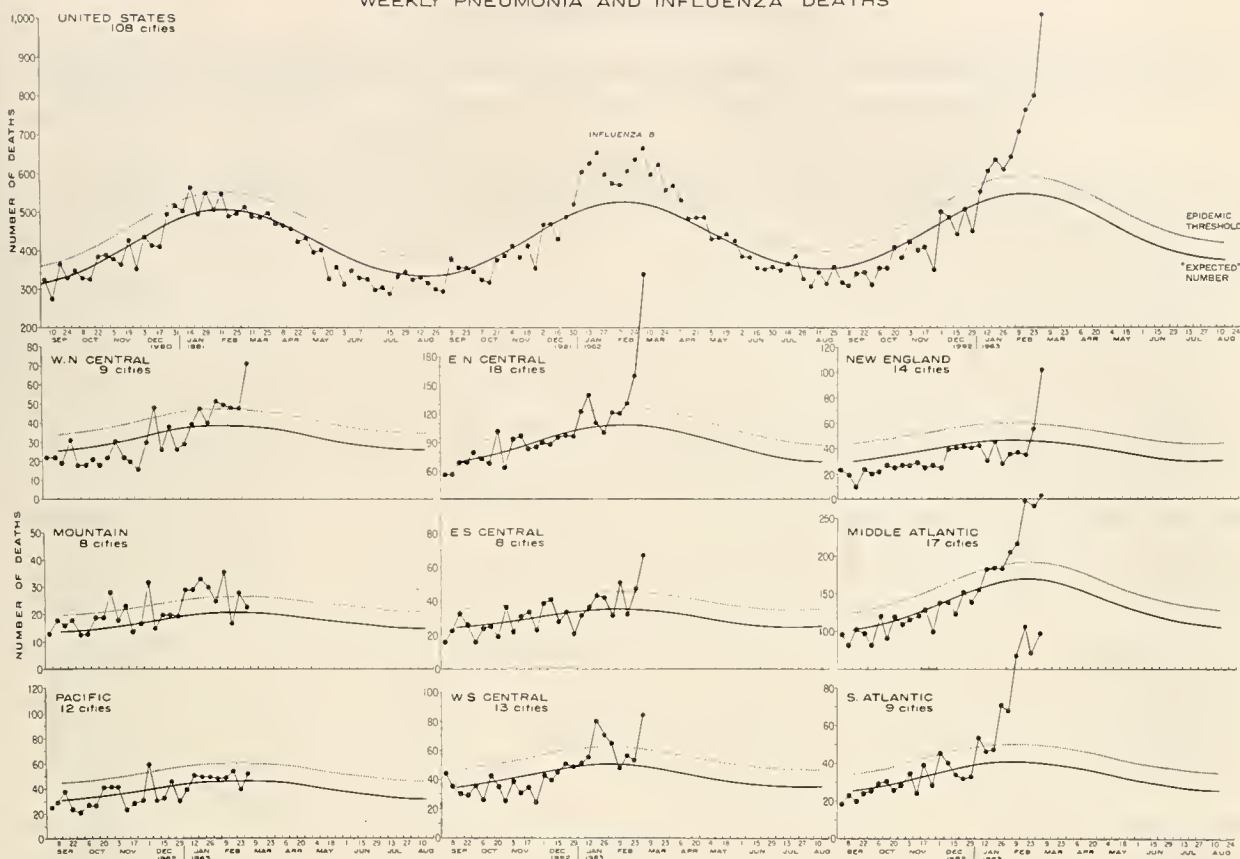


A telephone survey of 50 absentees at High School B, chosen by random sample from 348 students absent on February 21, revealed influenza-like illness in 49 (98 percent). Frequency of symptoms of the illness in these 49 absentees is shown below:

SYMPTOM	NUMBER	PERCENT
Fatigue and weakness	42	86
Fever (Range 100-103)	36	74
Sore throat	35	71
Cough	34	69
Headache	30	61
Myalgia	28	57
Coryza	28	57
G. I. Complaints	9	18

(Continued on page 76)

WEEKLY PNEUMONIA AND INFLUENZA DEATHS



Pneumonia-influenza mortality – During the week ending March 2nd excess pneumonia-influenza rose to a high peak, probably the crest of the 1963 wave. The 511 excess deaths reported this week by the 108 cities is twice the number for the preceding week but includes some reports delayed by the February 22nd holiday.

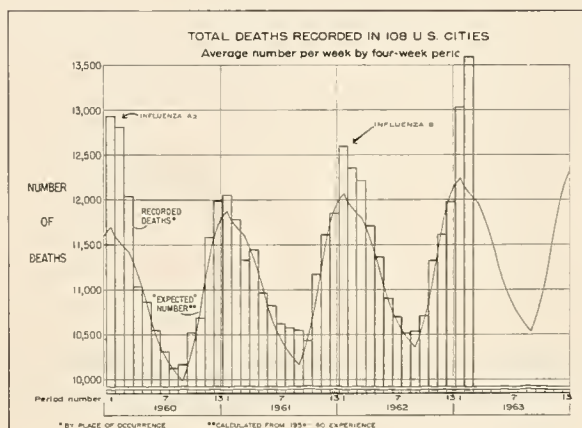
Excess mortality was high in all divisions but the Mountain and Pacific. In this influenza season excess mortality has not been recorded for the Pacific States and in only minor degree from the Mountain States.

Marked increases were reported from the North and South Central divisions and New England. High levels of excess mortality continued in the Middle and South Atlantic States.

Cumulative excess pneumonia-influenza mortality since the week ending January 5th has now reached 1491 deaths. Corresponding numbers for the 1960 A₂ influenza epidemic and the 1962 influenza B epidemic were 3310 and 861 deaths, respectively.

Total deaths – There were 14,930 deaths from all causes reported during the week ending March 2nd, an excess of 2889 above the expected number for this season. As shown in the table and chart 6031 excess deaths were recorded during the last four week period. Since the week ending January 5th excess deaths from all causes have reached a total of 9763. During comparable periods of the 1960 and 1962 epidemics 11,443 and 4424 excess deaths, respectively, were recorded.

	WEEK ENDING				4 Week	Weekly
	2-9	2-16	2-23	3-2	Total	Average
Observed	13,554	13,112	12,755	14,930	54,351	13,588
Expected	12,122	12,091	12,066	12,041	48,320	12,080
Excess	1,432	1,021	689	2,889	6,031	1,508



(See table, page 75)

MARCH 2, 1963 AND MARCH 3, 1962

Area	Poliomyelitis, total cases				Poliomyelitis, paralytic				Poliomyelitis, nonparalytic		Aseptic Meningitis	
	9th week		Cumulative First 9 weeks		9th week		Cumulative First 9 weeks		9th week		9th week	
	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962
UNITED STATES.....	1	5	29	64	1	3	26	38	-	1	27	23
NEW ENGLAND.....	-	-	-	-	-	-	-	-	-	-	-	-
Maine.....	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	1	2	5	27	1	1	5	14	-	-	1	1
New York.....	1	2	4	27	1	1	4	14	-	-	1	-
New Jersey.....	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania.....	-	-	1	-	-	-	1	-	-	-	-	1
EAST NORTH CENTRAL.....	-	-	7	6	-	-	6	4	-	-	5	1
Ohio.....	-	-	2	3	-	-	1	3	-	-	1	-
Indiana.....	-	-	-	1	-	-	-	1	-	-	-	-
Illinois.....	-	-	4	2	-	-	4	-	-	-	1	1
Michigan.....	-	-	1	-	-	-	1	-	-	-	2	-
Wisconsin.....	-	-	-	-	-	-	-	-	-	-	1	-
WEST NORTH CENTRAL.....	-	-	1	4	-	-	1	1	-	-	2	-
Minnesota.....	-	-	-	-	-	-	-	-	-	-	2	-
Iowa.....	-	-	-	2	-	-	-	1	-	-	-	-
Missouri.....	-	-	1	-	-	-	1	-	-	-	-	-
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	-	-	-	-	-	-	-	-	-
Kansas.....	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	-	-	2	5	-	-	2	4	-	-	5	2
Delaware.....	-	-	-	-	-	-	-	-	-	-	5	-
Maryland.....	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia..	-	-	-	1	-	-	-	-	-	-	-	-
Virginia.....	-	-	-	1	-	-	-	1	-	-	-	-
West Virginia.....	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina.....	-	-	2	1	-	-	2	1	-	-	-	-
South Carolina.....	-	-	-	-	-	-	-	-	-	-	-	-
Georgia.....	-	-	-	-	-	-	-	-	-	-	-	-
Florida.....	-	-	-	2	-	-	-	2	-	-	-	2
EAST SOUTH CENTRAL.....	-	-	1	2	-	-	-	1	-	-	3	6
Kentucky.....	-	-	-	-	-	-	-	-	-	-	2	2
Tennessee.....	-	-	-	1	-	-	-	-	-	-	-	-
Alabama.....	-	-	1	1	-	-	-	1	-	-	-	-
Mississippi.....	-	-	-	-	-	-	-	-	-	-	1	4
WEST SOUTH CENTRAL.....	-	1	9	11	-	-	9	8	-	1	2	6
Arkansas.....	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana.....	-	-	8	3	-	-	8	3	-	-	-	-
Oklahoma.....	-	-	-	-	-	-	-	-	-	-	-	1
Texas.....	-	1	1	8	-	-	1	5	-	1	2	5
MOUNTAIN.....	-	2	-	5	-	2	-	4	-	-	2	

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
MARCH 2, 1963 AND MARCH 3, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, infectious		Hepatitis, infectious and serum				Measles	
	9th week	Cumulative 9 weeks	9th week	Cumulative 9 weeks	9th week		9th week			9th week		
							Under 20 yr.	20 & over	Total			
1963	1963	1963	1963	1963	1962	1963	1963	1963	1962	1963	1962	
UNITED STATES.....	4	51	12	56	31	32	634	496	1,217	1,300	14,031	15,814
NEW ENGLAND.....	-	-	1	2	-	2	97	55	152	90	402	1,954
Maine.....	-	-	-	-	-	-	38	17	55	17	17	355
New Hampshire.....	-	-	-	-	-	-	2	4	6	9	1	60
Vermont.....	-	-	-	-	-	-	1	1	2	6	16	-
Massachusetts.....	-	-	-	1	-	2	29	21	50	45	83	858
Rhode Island.....	-	-	1	1	-	-	1	1	2	6	46	73
Connecticut.....	-	-	-	-	-	-	26	11	37	7	239	608
MIDDLE ATLANTIC.....	-	3	-	7	6	9	115	131	246	208	1,057	2,647
New York.....	-	2	-	2	2	8	59	66	125	116	439	1,629
New Jersey.....	-	-	-	1	-	-	20	37	57	39	155	672
Pennsylvania.....	-	1	-	4	4	1	36	28	64	53	463	346
EAST NORTH CENTRAL.....	-	4	1	3	5	3	105	88	204	295	6,462	1,750
Ohio.....	-	-	-	-	-	-	19	23	43	116	651	272
Indiana.....	-	-	1	1	-	-	22	6	28	22	164	196
Illinois.....	-	4	-	2	1	1	13	26	43	46	314	330
Michigan.....	-	-	-	-	4	2	50	33	88	102	2,281	763
Wisconsin.....	-	-	-	-	-	-	1	-	2	9	3,052	189
WEST NORTH CENTRAL.....	3	39	5	16	2	1	18	13	39	83	768	445
Minnesota.....	-	3	5	8	-	-	4	5	10	20	160	16
Iowa.....	3	29	-	1	-	-	2	-	3	20	230	287
Missouri.....	-	1	-	-	2	-	8	3	15	19	91	26
North Dakota.....	-	-	-	-	-	-	-	-	-	3	273	94
South Dakota.....	-	2	-	6	-	-	2	2	4	3	5	18
Nebraska.....	-	2	-	1	-	-	1	1	4	6	9	4
Kansas.....	-	2	-	-	-	1	1	2	3	12	NN	NN
SOUTH ATLANTIC.....	-	-	1	11	9	3	84	47	135	144	1,244	1,081
Delaware.....	-	-	-	-	-	-	3	1	4	1	17	9
Maryland.....	-	-	-	-	-	1	10	4	14	17	26	114
District of Columbia..	-	-	-	-	1	-	4	4	8	5	3	44
Virginia.....	-	-	-	1	1	-	12	6	20	34	257	384
West Virginia.....	-	-	-	-	1	-	15	3	18	28	354	355
North Carolina.....	-	-	-	1	2	1	11	8	19	23	46	26
South Carolina.....	-	-	1	3	-	-	3	2	5	12	117	21
Georgia.....	-	-	-	2	-	-	9	3	12	3	25	2
Florida.....	-	-	-	4	4	1	17	16	35	21	399	126
EAST SOUTH CENTRAL.....	-	1	-	7	-	1	76	31	120	178	724	1,520
Kentucky.....	-	-	-	-	-	-	21	3	37	89	415	166
Tennessee.....	-	-	-	1	-	-	35	6	41	52	253	1,151
Alabama.....	-	1	-	6	-	-	9	16	25	9	29	57
Mississippi.....	-	-	-	-	-	1	11	6	17	28	27	146
WEST SOUTH CENTRAL.....	1	3	4	9	2	3	51	23	76	86	1,090	3,238
Arkansas.....	1	2	-	1	1	-	9	3	12	13	121	64
Louisiana.....	-	-	-	-	-	-	10	7	17	16	14	8
Oklahoma.....	-	1	3	4	-	1	2	1	3	6	-	184
Texas.....	-	-	1	4	1	2	30	12	44	51	955	2,982
MOUNTAIN.....	-	1	-	-	-	4	16	10	74	63	891	629
Montana.....	-	-	-	-	-	1	2	3	17	9	91	223
Idaho.....	-	-	-	-	-	-	-	-	11	9	275	22
Wyoming.....	-	-	-	-	-	-	1	1	2	1	34	10
Colorado.....	-	-	-	-	-	-	-	-	11	18	113	211
New Mexico.....	-	-	-	-	-	-	9	3	12	2	NN	NN
Arizona.....	-	-	-	-	-	3	-	-	12	16	234	117
Utah.....	-	1	-	-	-	-	4	3	7	8	133	46
Nevada.....	-	-	-	-	-	-	-	-	2	-	11	-
PACIFIC.....	-	-	-	1	7	6	72	98	171	153	1,393	2,550
Washington.....	-	-	-	-	-	1	18	17	36	22	255	977
Oregon.....	-	-	-	-	-	-	14	13	27	13	303	437
California.....	-	-	-	1	7	5	39	64	103	117	572	1,116
Alaska.....	-	-	-	-	-	-	1	4	5	1	34	14
Hawaii.....	-	-	-	-	-	-	-	-	-	-	229	6
Puerto Rico.....	-	-	1	2	-	-	24	4	28	20	12	156

Morbidity and Mortality Weekly Report

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES UNITED STATES
FOR WEEKS ENDED

MARCH 2, 1963 AND MARCH 3, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rocky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	9th wk.	Cumulative 9 weeks	9th week	9th week	9th wk.	9th wk.	9th wk.	9th wk.	Cumulative 9 weeks	9th week	9th week	Cumulative 9 weeks
	1963	1963	1963	1962	1963	1963	1963	1963	1963	1963	1962	1963
UNITED STATES.....	80	508	12,929	10,138	6	-	5	5	46	71	69	523
NEW ENGLAND.....	5	40	1,140	483	-	-	-	-	2	-	-	-
Maine.....	1	8	139	21	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	1	5	-	-	-	-	-	-	-	-
Vermont.....	-	1	4	27	-	-	-	-	-	-	-	-
Massachusetts.....	4	17	134	93	-	-	-	-	2	-	-	-
Rhode Island.....	-	4	101	40	-	-	-	-	-	-	-	-
Connecticut.....	-	10	761	297	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	19	70	789	716	1	-	-	-	5	5	-	21
New York.....	14	33	394	470	1	-	-	-	5	1	-	15
New Jersey.....	-	10	147	100	-	-	-	-	-	-	-	-
Pennsylvania.....	5	27	248	146	-	-	-	-	-	4	-	6
EAST NORTH CENTRAL..	9	82	2,130	1,110	-	-	-	2	2	4	7	67
Ohio.....	4	25	332	179	-	-	-	-	-	-	1	25
Indiana.....	1	14	337	205	-	-	-	2	2	1	3	8
Illinois.....	-	12	502	183	-	-	-	-	-	-	2	15
Michigan.....	4	22	587	294	-	-	-	-	-	2	-	13
Wisconsin.....	-	9	372	249	-	-	-	-	-	1	1	6
WEST NORTH CENTRAL..	6	29	493	421	1	-	-	-	2	17	28	122
Minnesota.....	1	5	37	16	1	-	-	-	-	7	6	38
Iowa.....	-	-	116	132	-	-	-	-	1	2	10	35
Missouri.....	4	14	13	12	-	-	-	-	1	2	5	24
North Dakota.....	-	1	185	93	-	-	-	-	-	-	3	2
South Dakota.....	-	2	10	1	-	-	-	-	-	5	4	22
Nebraska.....	1	7	1	-	-	-	-	-	-	1	-	1
Kansas.....	-	-	131	167	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	12	113	941	751	2	-	2	2	13	8	2	98
Delaware.....	-	1	9	13	1	-	-	-	-	-	-	-
Maryland.....	2	18	59	19	-	-	-	-	2	-	-	-
Dist. of Columbia..	1	2	1	2	-	-	-	-	-	-	-	-
Virginia.....	1	26	269	320	-	-	-	-	-	4	2	39
West Virginia.....	-	7	296	118	-	-	-	-	5	2	-	34
North Carolina.....	2	20	13	29	-	-	-	2	3	-	-	4
South Carolina.....	1	9	161	110	-	-	1	-	-	-	-	-
Georgia.....	-	6	3	5	-	-	1	-	1	-	-	1
Florida.....	5	24	130	135	1	-	-	-	2	2	-	20
EAST SOUTH CENTRAL..	8	36	1,959	1,663	-	-	-	-	6	13	12	53
Kentucky.....	3	10	242	102	-	-	-	-	1	7	4	24
Tennessee.....	3	17	1,594	1,474	-	-	-	-	4	4	7	25
Alabama.....	2	6	75	12	-	-	-	-	1	2	1	4
Mississippi.....	-	3	48	75	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL..	8	49	1,348	1,272	2	-	3	-	8	18	13	97
Arkansas.....	1	4	1	-	-	-	1	-	6	-	2	7
Louisiana.....	3	16	5	2	-	-	-	-	-	3	1	14
Oklahoma.....	3	11	31	69	1	-	-	-	-	2	-	8
Texas.....	1	18	1,311	1,201	1	-	-	-	2	13	10	68
MOUNTAIN.....	3	17	1,999	1,762	-	-	-	1	2	1	2	9
Montana.....	-	-	51	86	-	-	-	-	-	-	-	-
Idaho.....	-	-	195	187	-	-	-	-	-	-	-	-
Wyoming.....	-	-	183	182	-	-	-	-	-	-	-	-
Colorado.....	-	3	736	731	-	-	-	1	1	-	-	-
New Mexico.....	-	2	433	259	-	-	-	-	1	-	2	4
Arizona.....	1	4	200	164	-	-	-	-	-	1	-	5
Utah.....	2	7	199	153	-	-	-	-	-	-	-	-
Nevada.....	-	1	2	-	-	-	-	-	-	-	-	-
PACIFIC.....	10	72	2,130	1,960	-	-	-	-	6	5	5	56
Washington.....	-	6	477	789	-	-	-	-	-	-	-	-
Oregon.....	1	3	36	60	-	-	-	-	1	-	-	1
California.....	9	59	1,567	1,038	-	-	-	-	5	5	5	55
Alaska.....	-	4	25	57	-	-	-	-	-	-	-	-
Hawaii.....	-	-	25	16	-	-	-	-	-	-	-	-
Puerto Rico.....	-	-	-	5	1	-	-	1	2	-	-	1

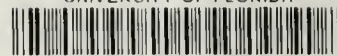
Table 4 (A). TOTAL DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)^o

Area	For weeks ending				Area	For weeks ending			
	2/9	2/16	2/23	3/2		2/9	2/16	2/23	3/2
NEW ENGLAND:					SOUTH ATLANTIC:				
Boston, Mass.	276	276	292	316	Atlanta, Ga.	141	135	154	157
Bridgeport, Conn.	46	44	39	60	Baltimore, Md.	400	386	302	303
Cambridge, Mass.	27	31	20	44	Charlotte, N.C.	48	29	35	54
Fall River, Mass.	35	33	45	53	Jacksonville, Fla.	67	73	32	105
Hartford, Conn.	60	77	49	82	Miami, Fla.	116	94	95	101
Lowell, Mass.	35	38	26	28	Norfolk, Va.	69	71	87	69
Lynn, Mass.	27	24	25	40	Richmond, Va.	145	116	102	108
New Bedford, Mass.	28	32	39	41	Savannah, Ga.	38	40	36	49
New Haven, Conn.	54	63	38	89	St. Petersburg, Fla.	91	78	98	100
Providence, R.I.	64	74	71	80	Tampa, Fla.	76	88	77	92*
Somerville, Mass.	17	15	13	23	Washington, D.C.	241	270	204	253
Springfield, Mass.	58	48	50	47	Wilmington, Del.	68	63	51	68
Waterbury, Conn.	26	34	25	45	EAST SOUTH CENTRAL:				
Worcester, Mass.	56	61	45	94	Birmingham, Ala.	132	98	116	130
MIDDLE ATLANTIC:					Chattanooga, Tenn.	70	58	45	39
Albany, N.Y.	74	58	48	68	Knoxville, Tenn.	37	43	33	37
Allentown, Pa.	33	26	30	48	Louisville, Ky.	126	132	72	124
Buffalo, N.Y.	137	147	161	186	Memphis, Tenn.	136	138	112	136
Camden, N.J.	57	67	41	69	Mobile, Ala.	46	46	45	55
Elizabeth, N.J.	45	43	46	31	Montgomery, Ala.	38	51	38	57
Erie, Pa.	46	46	53	54	Nashville, Tenn.	89	71	53	91
Jersey City, N.J.	103	76	69	92	WEST SOUTH CENTRAL:				
Newark, N.J.	103	121	109	167	Austin, Tex.	40	36	35	37
New York City, N.Y.	2,086	2,188	1,883	2,024	Baton Rouge, La.	36	35	32	19
Paterson, N.J.	42	33	30	48	Corpus Christi, Tex.	32	33	27	16
Philadelphia, Pa.	597	333	883	675	Dallas, Tex.	159	158	143	163
Pittsburgh, Pa.	187	161	271	272	El Paso, Tex.	31	39	36	33
Reading, Pa.	25	25	40	34	Fort Worth, Tex.	85	70	88	68
Rochester, N.Y.	104	101	120	140	Houston, Tex.	186	197	173	236
Schenectady, N.Y.	20	30	29	37	Little Rock, Ark.	67	79	62	73
Scranton, Pa.	34	40	63	70	New Orleans, La.	232	185	195	219
Syracuse, N.Y.	76	90	72	94	Oklahoma City, Okla.	76	100	84	129
Trenton, N.J.	47	61	65	84	San Antonio, Tex.	103	111	124	110
Utica, N.Y.	43	28	25	28	Shreveport, La.	48	79	60	65
Yonkers, N.Y.	55	57	41	30	Tulsa, Okla.	97	63	63	54
EAST NORTH CENTRAL:					MOUNTAIN:				
Akron, Ohio.	57	85	58	93	Albuquerque, N. Mex.	52	44	44	42
Canton, Ohio.	32	38	34	71	Colorado Springs, Colo.	14	12	17	22
Chicago, Ill.	867	863	857	1,208	Denver, Colo.	150	120	148	116
Cincinnati, Ohio.	164	205	190	284	Ogden, Utah.	15	16	14	13
Cleveland, Ohio.	224	216	181	258	Phoenix, Ariz.	116	76	105	120
Columbus, Ohio.	129	136	110	175	Pueblo, Colo.	21	15	16	15
Dayton, Ohio.	108	100	104	129	Salt Lake City, Utah.	53	47	42	52
Detroit, Mich.	439	376	384	520	Tucson, Ariz.	52	38	52	62
Evansville, Ind.	58	45	38	60	PACIFIC:				
Flint, Mich.	51	50	51	44	Berkeley, Calif.	23	14	21	29
Fort Wayne, Ind.	50	36	55	44	Fresno, Calif.	54	50	48	39
Cary, Ind.	34	23	30	43	Glendale, Calif.	54	35	28	38
Grand Rapids, Mich.	53	49	42	60	Honolulu, Hawaii.	43	42	40	59
Indianapolis, Ind.	146	134	171	174	Long Beach, Calif.	73	71	53	69
Madison, Wis.	19	36	42	45	Los Angeles, Calif.	616	554	495	562
Milwaukee, Wis.	153	150	145	164	Oakland, Calif.	89	98	91	94
Peoria, Ill.	36	28	35	35	Pasadena, Calif.	22	38	49	36
Rockford, Ill.	38	28	22	44	Portland, Oreg.	108	113	92	122
South Bend, Ind.	53	55	28	44	Sacramento, Calif.	69	66	57	66*
Toledo, Ohio.	100	107	98	131	San Diego, Calif.	95	103	108	95
Youngstown, Ohio.	60	60	68	70	San Francisco, Calif.	222	186	202	219
WEST NORTH CENTRAL:					San Jose, Calif.	33	26	35	41*
Des Moines, Iowa.	58	62	43	65	Seattle, Wash.	176	176	139	132
Duluth, Minn.	33	22	24	34	Spokane, Wash.	44	54	58	73
Kansas City, Kans.	52	58	39	61	Tacoma, Wash.	48	49	40	51
Kansas City, Mo.	176	173	132	218	San Juan, P.R.				
Lincoln, Nebr.	28	37	20	49	36	24	(---)	28	
Minneapolis, Minn.	120	126	123	169	°Current Week Mortality for 108 Selected Cities				
Omaha, Nebr.	66	61	89	75	4(A) Total Mortality, all ages. 14,930				
St. Louis, Mo.	289	302	236	390	4(B) Pneumonia-Influenza Deaths, all ages. 1,053				
St. Paul, Minn.	63	71	67	79	4(C) Total Deaths under 1 Year of Age. 831				
Wichita, Kans.	58	50	44	48	4(D) Total Deaths, Persons 65 years and over. 8,563				

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.



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Additional outbreaks of influenza-like illness have been reported from Screven, Douglas, and Ware Counties. Specimens have been obtained from these areas and are currently being processed at the State laboratories.

(Reported by W. J. Murphy, M.D., Director, Epidemiology, Georgia Department of Public Health and a team from CDC.)

Montana — An outbreak of acute febrile respiratory disease resembling influenza has been reported from the town of Eureka (Lincoln County), and began about February 15. The outbreak has been community-wide, and characterized by sudden onset of fever, headache, myalgia and cough of 4-5 days duration. One death in an elderly woman has been reported. Over 600 cases have occurred to date. Specimens are being collected. Serologic evidence of infection with A₂ influenza virus has been obtained from one student at the University of Montana at Missoula. There is as yet no evidence, however, of an unusual increase in febrile respiratory disease at this institution. (Reported by Dr. Mary E. Soules, Director, Disease Control, Montana Board of Health.)

New York — During the week of February 17, increasing incidence of influenza-like disease was noted in the cities of Rochester, Buffalo, and Binghamton. Increased school absenteeism has occurred in Cayuga, Syracuse, Rensselaer, Otsego, Allegany, Hamilton, St. Lawrence, and Steuben Counties during the week of February 18-25.

Serologic evidence of A₂ influenza infection has been obtained from 3 cases in Nassau and Westchester Counties and in one case from Columbia County. Six paired sera from individuals in the city of Syracuse have shown significant rises in influenza A₂ antibody titer and 6 of 10 paired sera collected in Rochester have demonstrated similar rises. A₂ influenza virus has been isolated from 2 individuals in Albany County.

(Reported by Dr. Robert M. Albrecht, Director, Epidemiology Division, New York Department of Health.)

Rhode Island — Outbreaks of influenza-like illness have been noted in Providence and Newport Counties beginning in early and mid-February. In a private boys' school in the Woonsocket area, absenteeism reached 23 percent on February 20. Normal absenteeism in this school is 4 percent. Illness characterized by sudden onset of shaking chills, headache, malaise, fever and cough of 3-4 days duration was the major cause of absenteeism.

A single serum pair from Woonsocket City has demonstrated a significant rise in A₂ influenza antibody titer.

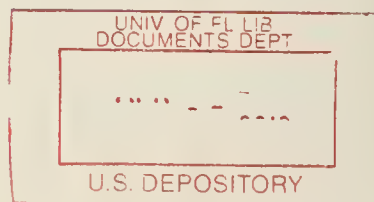
(Reported by Dr. James E. Bowes, Acting Director, Division of Epidemiology, Rhode Island Department of Health.)

Wisconsin — Milwaukee — An outbreak of influenza-like illness began at the Veterans Administration Hospital in Milwaukee about February 11. Serologic evidence of influenza A₂ infection was obtained in paired sera from 2 patients. Since that time, influenza-like illness has occurred in epidemic proportions throughout the city. During the week of February 18, paired sera obtained from six persons in Milwaukee demonstrated significant rises in influenza A₂ antibody titer in 3 instances.

Other areas of the State report sporadic cases of influenza-like disease, with no unusual school or industrial absenteeism.

(Reported by Dr. Josef Preizler, Director, Bureau of Communicable Diseases, Wisconsin State Board of Health and Dr. E. R. Krumbiegel, Commissioner of Health, City of Milwaukee Health Department.)

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